

Title (en)
ROTARY SWITCH

Publication
EP 0265883 B1 19930310 (DE)

Application
EP 87115657 A 19871026

Priority
DE 3636575 A 19861028

Abstract (en)
[origin: US4837413A] A rotary switch, adapted to be secured to a panel, comprises a stator having a bearing flange provided with a cylindrical side wall and an underside; a circumferential groove provided in the side wall and an annular groove provided in the underside; and a rotor extending over the bearing flange and having a cylindrical side wall surrounding the cylindrical side wall of the bearing flange. The rotor is rotatably supported on and relative to the stator. There are further provided a stationary contact mounted in the stator; a movable contact carried by the rotor for displacement relative to the stationary contact upon turning of the rotor; and a first sealing ring received in the circumferential groove and projecting radially outwardly from the cylindrical side wall of the bearing flange. The first sealing ring sealingly and slidably engages the cylindrical side wall of the rotor. The rotary switch further has a second sealing ring received in the annular groove and projecting outwardly from the underside of the bearing flange.

IPC 1-7
H01H 19/06; **H01H 25/06**

IPC 8 full level
H01H 19/06 (2006.01); **H01H 19/58** (2006.01); **H01H 25/06** (2006.01); **H01H 3/20** (2006.01); **H01H 19/11** (2006.01)

CPC (source: EP US)
G05G 25/04 (2013.01 - EP US); **H01H 19/585** (2013.01 - EP US); **G05G 1/08** (2013.01 - EP US); **H01H 3/20** (2013.01 - EP US); **H01H 19/11** (2013.01 - EP US); **H01H 25/06** (2013.01 - EP US)

Cited by
CN105588154A; EP3367406A4; EP0427139A1; FR2654250A1; US10504672B2

Designated contracting state (EPC)
AT CH DE FR GB LI SE

DOCDB simple family (publication)
EP 0265883 A2 19880504; **EP 0265883 A3 19891018**; **EP 0265883 B1 19930310**; AT E86786 T1 19930315; DE 3636575 A1 19880505; DE 3784622 D1 19930415; US 4837413 A 19890606

DOCDB simple family (application)
EP 87115657 A 19871026; AT 87115657 T 19871026; DE 3636575 A 19861028; DE 3784622 T 19871026; US 11331487 A 19871028